



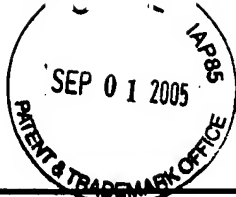
IFW

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application No.	10/718,759
		Filing Date	
		First Named Inventor	Junghak KIM
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	5	Attorney Docket Number	2013P129

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Preliminary Amendment; return postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eric S. Hyman, Reg. No. 30,139 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	8/29/05

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Melissa Stead		
Signature		Date	8-30-05



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/718,759
Filing Date	
First Named Inventor	Junghak KIM
Examiner Name	
Art Unit	
Attorney Docket No.	2013P129

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☐ Credit any overpayments

## FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251		2251		Extension for reply within first month	
1252		2252		Extension for reply within second month	
1253		2253		Extension for reply within third month	
1254		2254		Extension for reply within fourth month	
1255		2255		Extension for reply within fifth month	
1401		2401		Notice of Appeal	
1402		2402		Filing a brief in support of an appeal	
1403		2403		Request for oral hearing	
1451		2451		Petition to institute a public use proceeding	
1460		2460		Petitions to the Commissioner	
1807		1807		Processing fee under 37 CFR 1.17(q)	
1806		1806		Submission of Information Disclosure Stmt	
1809		1809		Filing a submission after final rejection (37 CFR § 1.129(a))	
1810		2810		For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) \_\_\_\_\_

SUBTOTAL (2) (\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Eric S. Hyman	Registration No. (Attorney/Agent)	30,139	Telephone	(310) 207-3800
Signature		Date	8/29/04		



Our Ref. No.: 002013.P129

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Junghak Kim )  
Serial No.: 10/718,759 )  
Filed: November 21, 2003 )  
For: )  
**APPARATUS AND METHOD FOR** )  
**8B/10B CODE-GROUP VALIDITY** )  
**CHECK** )

Examiner:  
Art Unit:

Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Mail Stop Amendments

PRELIMINARY AMENDMENT

1. (Original) An apparatus for checking validity of a code-group comprising:
  - a 6B/5B disparity classification unit which receives an 8B/10B code-group, classifies the least significant 6-bit nibble of the received 8B/10B code-group, and outputs the characteristic information of the disparity;
  - a 4B/3B disparity classification unit which classifies the most significant 4-bit nibble of the received 8B/10B code-group and outputs the characteristic information of the disparity;
  - an RD6 detection unit which receives the running disparity of a previously received 8B/10B code-group and the disparity classification characteristic information of the least significant 6-bit nibble, and generates the running disparity of the least significant 6-bit nibble of the 8B/10B code-group;
  - an RD4 detection unit which receives the running disparity of the least significant 6-bit nibble output from the RD6 detection unit and the disparity classification characteristic information of the most significant 4-bit nibble, and generates the running disparity of the most significant 4-bit nibble of the 8B/10B code-group;
  - an 8B/10B line code rule violation detection unit which detects whether or not the received 8B/10B code-group violates a predetermined line code rule;
  - an RD error detection unit which receives the disparity classification characteristic information of the least significant 6-bit nibble, the disparity classification characteristic information of the most significant 4-bit nibble, the running disparity of the previously received 8B/10B code-group, and the running disparity of the